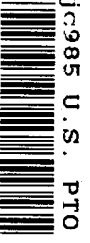


11/13/01



A

NONPROVISIONAL PATENT
APPLICATION TRANSMITTAL RULE §1.53(b)
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CUSTOMER NO. 004372

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Docket No. 107292-00030

Date: November 13, 2001

Commissioner for Patents
Washington, D.C. 20231



Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): METHOD AND DEVICE FOR WORKING PLANNING, AND METHOD AND
DEVICE FOR PRODUCING WORKING DATA THEREFOR

By (Inventors): (1) Toshihide IBARAKI; (2) Mutsunori YAGIURA; (3) Koji NONOBE;
(4) Takuya NISHIMURA; and (5) Yasuyuki OKUDAIRA

- ☒ 113 pages of Specification/Claims 1-69/Abstract are attached.
- ☒ Formal drawings (Figs. 1-72; 54 sheets) are attached.
- ☒ A Declaration and Power of Attorney is attached.
- ☒ An assignment of the invention to Sumitomo Heavy Industries, Ltd. is attached, along with Form PTO-1595 and a check for \$40.00.
- ☒ An Information Disclosure Statement is attached, along with Form PTO-1449, and 3 references.
- ☒ A Preliminary Amendment is attached.
- ☒ Priority of foreign applications Nos. 2001-243870 filed August 10, 2001 in Japan, 2000-359553 filed November 27, 2000 in Japan; 2000-345417 filed November 13, 2000 in Japan; and 2001-331550 filed October 29, 2001 in Japan is claimed under 35 U.S.C. §119.
- ☒ A certified copy of the following corresponding foreign applications: 2001-243870; 2000-359553; and 2000-345417 is attached.

The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

			SMALL ENTITY		OR	LARGE ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
BASIC FEE				\$ 370	OR		\$ 740
TOTAL CLAIMS	69 - 20	= 49	x 9 =		OR	x 18	\$ 882
INDEP CLAIMS	29 - 3	= 26	x 42 =		OR	x 84	\$ 2184
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+140 =		OR	+280	
			TOTAL		OR	TOTAL	\$ 3,806

- ☒ Check No. 329465 in the amount of \$3,846.00 (\$3,806.00 for the filing fee and \$40.00 for the Assignment Recordation Fee) is attached. Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300.

Respectfully submitted,

Douglas H. Goldhush
Registration No. 33,125